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0	For receiving Office use only					
0-1	International Application No.	PCT/EP03/15004				
0-2	International Filing Date	1 0 DEC 2003 (10. 12 2003)				
0-3	Name of receiving Office and "PCT International Application"	EUROPEAN PATENT OFFICE PCT INTERNATIONAL APPLICATION				
0-4	Form - PCT/RO/101 PCT Request					
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)				
0-5	Petition					
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty					
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)				
0-7	Applicant's or agent's file reference	GCN/PG5043				
	Title of invention	GENE POLYMORPHISMS				
ı	Applicant					
1-1	This person is:	applicant only				
1-2	Applicant for	all designated States except US				
1-4	Name	GLAXO GROUP LIMITED				
II-5	Address:	Glaxo Wellcome House				
		Berkeley Avenue				
		Greenford, Middlesex UB6 0NN				
		United Kingdom				
1-6	State of nationality	GB				
I-7	State of residence	GB				
I-8 [.]	Telephone No.	020 8047 5000				
I-9	Facsimile No.	020 8047 6894				
II-1	Applicant and/or inventor					
II-1-1	This person is:	applicant and inventor				
II-1-2	Applicant for	US only				
II-1- 4	Name (LAST, First)	BOYD, Peter, Robert				
II-1-5	Address:	GlaxoSmithKline				
		Gunnels Wood Road				
		Stevenage, Hertfordshire SG1 2NY				
	•	United Kingdom				
II-1-6	State of nationality	GB				
II-1-7	State of residence	GB				





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III-2	Applicant and/or inventor					
III-2-1	This person is:	applicant and inventor				
111-2-2	Applicant for	US only				
111-2-4	Name (LAST, First)	PURVIS, Ian, James				
111-2-5	Address:	GlaxoSmithKline				
		New Frontiers Science Park South				
		Third Avenue				
		Harlow, Essex CM19 5AW				
		United Kingdom				
111-2-6	State of nationality	GB				
111-2-7	State of residence	GB				
III-3	Applicant and/or inventor	•				
III-3-1	This person is:	applicant and inventor				
111-3-2	Applicant for	US only				
111-3-4	Name (LAST, First)	STUBBINS, Michael, James				
111-3-5	Address:	GlaxoSmithKline				
		New Frontiers Science Park South				
		Third Avenue				
		Harlow, Essex CM19 5AW				
		United Kingdom				
III-3-6	State of nationality	GB				
III-3-7	State of residence	GB				
111-4	Applicant and/or inventor					
111-4-1	This person is:	applicant and inventor				
111-4-2	Applicant for	US only				
111-4-4	Name (LAST, First)	YEO, Astrid, Johanna, Maria				
III -4 -5	Address:	GlaxoSmithKline				
		New Frontiers Science Park South				
		Third Avenue				
		Harlow, Essex CM19 5AW				
	1	United Kingdom				
111-4-6	State of nationality	NL				
111-4-7	State of residence	GB				



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IV-1	Agent or common representative; or address for correspondence					
	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the	agent				
	competent International Authorities as:					
IV-1-1	Name (LAST, First)	NASH, Guy, Cameron				
IV-1-2	Address:	GlaxoSmithKline				
		Corporate Intellectual Property				
		(CN925.1)				
		980 Great West Road				
		Brentford, Middlesex UB6 0NN				
		United Kingdom				
IV-1-3	Telephone No.	020 8047 4484				
IV-1-4	Facsimile No.	020 8047 6894				
V	Designation of States					
V-1	Regional Patent	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM				
	(other kinds of protection or treatment, if any, are specified between	ZW and any other State which is a				
	parentheses after the designation(s)	Contracting State of the Harare Protocol				
	concerned)	and of the PCT				
		EA: AM AZ BY KG KZ MD RU TJ TM and any				
)	other State which is a Contracting State				
		of the Eurasian Patent Convention and of				
		the PCT				
		EP: AT BE BG CH&LI CY CZ DE DK EE ES FI				
	FR GB GR HU IE IT LU MC NL PT RO S SK TR and any other State which is					
		Contracting State of the European Patent				
		Convention and of the PCT				
		OA: BF BJ CF CG CI CM GA GN GQ GW ML MR				
	-	NE SN TD TG and any other State which is				
		a member State of OAPI and a Contracting				
		State of the PCT				
V-2	National Patent (other kinds of protection or treatment,	AE AG AL AM AT AU AZ BA BB BG BR BY BZ				
	if any, are specified between	CA CH&LI CN CO CR CU CZ DE DK DM DZ EC				
	parentheses after the designation(s) concerned)	EE EG ES FI GB GD GE GH GM HR HU ID IL				
	concerned)	IN IS JP KE KG KP KR KZ LC LK LR LS LT				
		LU LV MA MD MG MK MN MW MX MZ NI NO NZ				
		OM PG PH PL PT RO RU SC SD SE SG SK SL				
	1	SY TJ TM TN TR TT TZ UA UG US UZ VC VN				
		YU ZA ZM ZW				

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V-5	Precautionary Designation Statement		
	In addition to the designations made		
	under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b)		
	all designations which would be		
	permitted under the PCT except any		
	designation(s) of the State(s) indicated		
	under item V-6 below. The applicant		
	declares that those additional		
	designations are subject to confirmation		
	and that any designation which is not confirmed before the expiration of 15		
	months from the priority date is to be		
	regarded as withdrawn by the applicant		
	at the expiration of that time limit.		
V-6	Exclusion(s) from precautionary	NONE	
	designations		
VI-1	Priority claim of earlier national		
VI-1-1	Filing date	13 December 2002 (13	12 2002)
	1	<u> </u>	.12.2002)
VI-1-2	Number	0229139.1	
VI-1-3	Country	GB	
VII-1	International Searching Authority	European Patent Offic	ce (EPO) (ISA/EP)
VIII	Chosen Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the	_	
VIII-1	inventor		
VIII-1 VIII-2	inventor Declaration as to the applicant's	-	
	inventor Declaration as to the applicant's antitlement, as at the international filing		
	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a		
VIII-2	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's		
VIII-2	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
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VIII-2 VIII-3 VIII-4	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-2 VIII-3 VIII-4 VIII-5	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list	-	electronic file(s) attached
VIII-2 VIII-3 VIII-4 VIII-5	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	electronic file(s) attached
VIII-2 VIII-3 VIII-4 VIII-5	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list	- number of sheets	
VIII-2 VIII-3 VIII-4 VIII-5	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	- number of sheets	-
VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	number of sheets 5 23	-
VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check Ilst Request (including declaration sheets) Description Claims	- number of sheets 5 23 2	-





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	Accompanying items	paper document(s) attached	electronic file(s) attached
8-2	Fee calculation sheet	✓	-
-10	Original general power of attorney	~	-
-10	Original general power of attorney	✓	-
10	Original general power of attorney	V	-
10	Original general power of attorney	✓	_
11	Copy of general power of attorney	reference no. PCT/EP03/02878	-
13	Priority document(s)	Item(s) VI-1	-
17	PCT-EASY diskette	-	Diskette
19	Figure of the drawings which should accompany the abstract		
20	Language of filing of the international application	English	
1	Signature of applicant, agent or common representative	Cong all	````
1-1	Name (LAST, First)	NASH, Guy Cameron	

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10-1	Date of actual receipt of the purported international application		(10	12. 2003)	10 DEC 2003	
10-2	Drawings:					
10-2-1	Received					
10-2-2	Not received					
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application					
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)					
10-5	International Searching Authority	ISA/EI	?			
10-6	Transmittal of search copy delayed until search fee is paid					

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11-1	Date of receipt of the record copy by		
	the International Bureau		